

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023356**Date Inspected:** 19-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes	No N/A
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes	No N/A
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes	No N/A
Approved Drawings:	Yes No N/A	Approved WPS:	Yes	No N/A
		Delayed / Cancelled:	Yes	No N/A
Bridge No:	34-0006	Component:	OBG Trial Assembly	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, S. Manjunath Math was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) Trial Assembly Areas

4AE and 4BE

This Quality Assurance (QA) Inspector carried out the dimension for the lower bottom side of the segment at cross beam and bike path side for 4AE to 4BE from PP 24 to PP 28. Inspected 700 mm from E3 and E4 from the edge and noticed the deflection caused by saddle on which the segment is resting took reading at all the Panel Points total 10 reading were recorded.

2AE and 2BE

This Quality Assurance (QA) Inspector witnessed randomly rotation of nut verification for Cross beam side and bike path side for Segment 2AE to 2BE for lower chevron from panel point no. 13 and 18.

2AW and 2BW

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This Quality Assurance (QA) Inspector witnessed randomly snug tightening of nut verification for Cross beam side and bike path side for Segment 2AE to 2BE for lower chevron from panel point no. 13 and 18.

4AW + 4BW; 3AE + 3BE and 3AW + 3BW

This Quality Assurance (QA) Inspector signed off the document for 3AE to 3BE and 3AW to 3BW.

- 1.Upper Chevron Brace (North and South) for 4AW to 4BW; PP 24~28 Green Tag No. 78
- 2.Lower Chevron Brace (North and South) for 3AW to 3BW; PP19~23 Green Tag No. 52
- 3.Lower Chevron Brace (North) for 3AE to 3BE; PP 19~23 Green Tag No. 61
- 4.Lower Chevron Brace (North) for 3AE to 3BE; PP 19,20, 21 and 23 Green Tag No. 62
- 5.Lower Chevron Brace (North) for 3AE to 3BE; PP 19,20, 21 and 23 Green Tag No. 63
- 6.Longitudinal Diaphragm Splice (North and south) for 4AE to 4BE; PP 19,20, 21 and 23 Green Tag No. 66
- 7.Longitudinal Diaphragm Splice (North and south) for 4AE to 4BE; PP 25-26 Green Tag No. 67
- 8.FB to BP clips for 4BW segment Green Tag No. 68.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Math,Manjunath	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
